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Education Information

Doctorate, Hacettepe Üniversitesi, Tıp Fakültesi, Tıbbi Biyoloji, Turkey 2001 - 2007

Postgraduate, Hacettepe Üniversitesi, Tıp Fakültesi, Tıbbi Biyoloji, Turkey 1999 - 2001

Undergraduate, Orta Doğu Teknik Üniversitesi, Fen Fakültesi, Biyoloji, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology

Academic Titles / Tasks

Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 2020 - Continues

Associate Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 2013 - 2020

Advising Theses

PEYNİRCİOĞLU B., Ailevi akdeniz ateşi (AAA) hastalarında inflamatuvar hücre göçünün incelenmesi, Postgraduate, E.AVCI(Student), 2016

PEYNİRCİOĞLU B., İnflamatuvar hücre göçü sürecinde pyrin ve aktin ile ilişkili proteinlerin moleküler analizi, Postgraduate, C.GÜLER(Student), 2014

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Akbaba T. H. , Ustabas G., Kasap-Cuceloglu M., Ozen S., Balci-Peynircioglu B.
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- VII. **The Common miRNA Signatures Associated with Mitochondrial Dysfunction in Different Muscular Dystrophies**
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- VIII. **Ancient familial Mediterranean fever mutations in human pyrin and resistance to Yersinia pestis.**
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- XII. **A method for high-purity isolation of neutrophil granulocytes for functional cell migration assays**
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- XIII. **Potential of miRNAs to predict and treat inflammation from the perspective of Familial Mediterranean Fever.**
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- XIV. **Effects of calcium hydroxide and N-acetylcysteine on MMP-2, MMP-9, TIMP-1 and TIMP-2 in LPS-stimulated macrophage cell lines**
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- XVII. **Common miRNA signatures in a group of rare neuromuscular disorders**
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- XVIII. **Alteration of the microRNA expression profile in familial Mediterranean fever patients.**
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- XX. **The effect of N-acetylcysteine and calcium hydroxide on TNF- α and TGF- β 1 in lipopolysaccharide-activated macrophages.**
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- XXIV. **The effect of colchicine on pyrin and pyrin interacting proteins.**
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- XXV. **Expression of ASC in post-mortem brain samples of alzheimer's disease patients: A possible role for ASC in a β amyloid formation alzheimer hastalarının post-mortem beyin dokusu örneklerinde ASC ifadesi: A β amyloid oluşumunda ASC'nin rolü**
Taskiran E. Z. , Balci-Peynircioglu B., Soylemezoglu F., Yilmaz E.
Turkish Journal of Biochemistry, vol.36, no.4, pp.350-355, 2011 (Journal Indexed in SCI Expanded)
- XXVI. **Expression of ASC in post-mortem brain samples of Alzheimer's disease patients: A possible role for ASC in A beta amyloid formation**
Taskiran E. Z. , Balci-Peynircioglu B., Soylemezoglu F., YILMAZ E.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.36, no.4, pp.350-355, 2011 (Journal Indexed in SCI)
- XXVII. **Pyrin Modulates the Intracellular Distribution of PSTPIP1**
Waite A. L. , Schaner P., Richards N., Balci-Peynircioglu B., Masters S. L. , Brydges S. D. , Fox M., Hong A., Yilmaz E., Kastner D. L. , et al.
PLOS ONE, vol.4, no.7, 2009 (Journal Indexed in SCI)

- XXVIII. **Pyrin and ASC co-localize to cellular sites that are rich in polymerizing actin.**
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- XXXVI. **Familial Mediterranean fever (FMF) in Turkey - Results of a nationwide multicenter study**
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- XXXVII. **Influence of Serum Amyloid A (SAA1) and SAA2 gene polymorphisms on renal amyloidosis, and on SAA/C-reactive protein values in patients with familial mediterranean fever in the Turkish population.**
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- XXXVIII. **Mutations in the gene for familial Mediterranean fever: do they predispose to inflammation?**
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X. Analysis of genetic background in Turkish early onset Parkinson's disease patients

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SAYINALP N., AKBABA T. H. , ALADAĞ KARAKULAK E., HAZNEDAROĞLU İ. C. , İNKAYA A. Ç. , PEYNİRCİOĞLU B., Project Supported by Higher Education Institutions, COVID-19 Hastalarında Anjiyotensin Dönüştürücü Enzim Gen Polimorfizmlerinin Klinik Sonlanımlara Etkisinin Araştırılması, 2020 - Continues

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